SD EForm - 0437 V1

DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
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FORM 2

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SEP 23 2009
DEPT OF ENVIRONMENT & NATURAL RESOURCES - RAPID CITY

State of South Dakota Department of Environment and Natural Resources

APPLICATION FOR PERMIT TO DRILL

Type of work: ☑ Drill New Well ☐ Reenter Well ☑ Drill Directional Well ☐ Other _____

Type of well: ☐ Oil Well ☑ Gas Well ☐ Injection ☐ Other _____

Name and Address of Operator: North Finn LLC. 950 Stafford Casper, WY 82609 Telephone (307) 237-7854

Name and Address of Surface Owner: Mary M. Jacobsen 16829 SD Hwy. 79 Newell, SD 57760

Name and Address of Drilling Contractor and Rig Number: Rainbow Drilling P.O. Box 353 Evansville, WY 82636

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

1) NW NW Sec. 29 T12N R6E, Butte, ~~550'~~ 500 FNL & ~~500'~~ 1100 FWL, Lat=44d58'50.82" Long=-103d25'21.13" Jm

If Directional, top of pay and bottom hole location from nearest lines of section:

Acres in Spacing (Drilling) Unit: 320

Description of Spacing Unit: N2 Sec. 29 T12N R6E

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Jacobsen #4-29-12-6	~~3121.2'~~ 3116.4	Wildcat	Eagle 1050' Jm

Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth
1) 12 1/4"	8 5/8"	24 lb/ft	400'	215 sxs G cement	400'
2) 7 7/8"	5 1/2"	15.5 lb/ft	1050'	240 sxs G cement	1050'
3)					
4)					

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

Drill well with low water loss fresh water mud system to top of Eagle. Set casing, and drill Eagle and Shannon with air.

Surface pits will be lined with a 12 mil pit liner.
Anticipated spud date is Oct. 4th, 2009.
Fee Minerals.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Signature	Name (Print)	Title	Date
Wayne P. Neumiller	Wayne Neumiller	Manager/Member	9/21/09

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Approved By: Fred [signature] Title: Oil and Gas Supervisor

Permit No. 1953 API No. 40 019 20101 Date Issued: October 14, 2009

Conditions, if any, on attached page.

1) See Sundry Notice dated October 9, 2009; See new plot map.